



PTO/SB/08A (08-03)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Application Number</b>		10/803,333					
				<b>Filing Date</b>		3/17/2004					
				<b>First Named Inventor:</b>		Won Sun Shin					
				<b>Examiner: unknown</b>		GROUP: unknown					
<b>Sheet</b>		1		<b>of</b>		13		<b>Attorney Docket Number</b>		AMK-AB0975-2C	
<b>U.S. PATENT DOCUMENTS</b>											
<b>Examiner Initials*</b>	<b>Cited No. <sup>1</sup></b>	<b>Document Number Number - Kind Code <sup>2</sup>(f/bonus)</b>		<b>Publication Date MM-DD-YYYY</b>	<b>Name of Patentee or Applicant of Cited Document</b>		<b>Pages, Columns, Lines Where Relevant Passages or Figures Appear</b>				
CAI	A001	US-3,851,221		11/1974	Beaulieu et al.						
	A002	US-4,398,235		08/1983	Lutz et al.						
	A003	US-4,530,152		07/1985	Roche et al.						
	A004	US-4,567,643		02/1986	Droguet et al.						
	A005	US-4,707,724		11/1987	Suzuki et al.						
	A006	US-4,729,061		03/1988	Brown						
	A007	US-4,730,232		03/1988	Lindberg						
	A008	US-4,756,080		07/1988	Thorp, Jr. et al.						
CAI	A009	US-4,763,188		08/1988	Johnson						
<b>FOREIGN PATENT DOCUMENTS</b>											
<b>Examiner Initials*</b>	<b>Cite No. <sup>1</sup></b>	<b>Foreign Patent Document</b>			<b>Publication Date MM-DD- YYYY</b>	<b>Name of Patentee or Applicant of Cited Document</b>		<b>Pages, Columns, Lines Where Relevant Passages or Figures Appear</b>		<b>T<sup>6</sup></b>	
		<b>Cntry Code<sup>3</sup></b>	<b>Number<sup>4</sup></b>	<b>Kind Code<sup>5</sup> (f/bonus)</b>							
CAI	A010	JP	62-126661		06/1987						
	A011	JP	4-56262		02/1992						
	A012	JP	63-244654		10/1988						
	A013	JP	5136323		06/1993						
CAI	A014	JP	5109975		04/1993						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>											
<b>EXAMINER SIGNATURE:</b>											
<b>DATE CONSIDERED:</b> 2/01/05											

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Substitute for form 1449A/PTO				Application Number		10/803,333	
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				First Named Inventor:		Won Sun Shin	
				Examiner: unknown		GROUP: unknown	
Sheet	2	of	13	Attorney Docket Number		AMK-AB0975-2C	
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Examiner Initials*	Cited No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	
CAL	A015	US-4,982,265		01/1991	Watanabe et al.	—	
	A016	US-4,996,587		02/1991	Hinrichsmeyer et al.	—	
	A017	US-5,012,323		04/1991	Farnworth	—	
	A018	US-5,025,306		06/1991	Johnson et al.	—	
	A019	US-5,040,052		08/1991	McDavid	—	
	A020	US-5,138,438		08/1992	Masayuki et al.	—	
CAL	A021	US-5,140,404		08/1992	Fogal et al.	—	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Ctry Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
CAL	A022	JP	61117858		06/1986	—	
	A023	JP	4028260		01/1992	—	
V	A024	JP	4116859		04/1992	—	
	A025	JP	4096358		03/1992	—	
CAL	A026	JP	5013665		01/1993	—	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER SIGNATURE: <i>CAL</i>				DATE CONSIDERED: 2/01/05			

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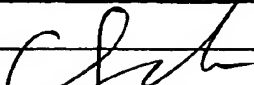
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CA	A027	US-5,157,480		10/1992	McShane et al.	—	
	A028	US-5,165,067		11/1992	Wakefield et al.	—	
	A029	US-5,198,888		03/1993	Sugano et al.	—	
	A030	US-5,200,362		04/1993	Lin et al.	—	
	A031	US-5,229,647		07/1993	Gnadinger	—	
	A032	US-5,241,133		08/1993	Mullen, III et al.	—	
✓	A033	US-5,273,938		12/1993	Lin et al.	—	
CA	A034	US-5,291,061		03/1994	Ball	—	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Cntry Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
CA	A035	JP	4-368154	12/1992	—	—	
	A036	JP	54-128274	04/1979	—	—	
	A037	JP	1028856	01/1989	—	—	
✓	A038	JP	1099248	04/1989	—	—	
CA	A039	JP	60182731	09/1985	—	—	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER SIGNATURE: <i>C. Chah</i>							
DATE CONSIDERED: 2/01/05							

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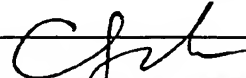
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CAU	A040	US-5,323,060		06/1994	Fogal et al.	—		
	A041	US-5,334,875		08/1994	Sugano et al.	—		
	A042	US-5,347,429		09/1994	Kohno et al.	—		
	A043	US-5,394,010		02/1995	Tazawa et al.	—		
	A044	US-5,422,435		06/1995	Takiar et al.	—		
	A045	US-5,426,563		06/1995	Moresco et al.	—		
	A046	US-5,432,729		07/1995	Carson et al.	—		
	A047	US-5,438,224		08/1995	Papageorge et al.	—		
CAU	A048	US-5,463,253		10/1995	Waki et al.	—		
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		Cntry Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
CAU	A049	JP	56062351		05/1981	—	—	
	A050	JP	3169062		07/1991	—	—	
	A051	JP	10-256470		09/1998	—	—	
	A052	JP	1071162		03/1989	—	—	
CAU	A053	JP	5-75015		03/1993	—	—	
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CA	A054	US-5,473,196		12/1995	De Givry	—	
	A055	US-5,474,957		12/1995	Urushima	—	
	A056	US-5,474,958		12/1995	Djennas et al.	—	
	A057	US-5,491,612		02/1996	Nicewarner, Jr.	—	
	A058	US-5,495,394		02/1996	Kornfeld et al.	—	
	A059	US-5,495,398		02/1996	Takiar et al.	—	
	A060	US-5,502,289		03/1996	Takiar et al.	—	
	A061	US-5,514,907		05/1996	Moshayedi	—	
	A062	US-5,569,625		10/1996	Yoneda et al.	—	
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CA	A063	JP	4-368167		12/1992	—	—
	A064	JP	5-283601		10/1993	—	—
	A065	EP	0 503 201	A2	12/1991	—	—
	A066	JP	64-1269		01/1989	—	—
	A067	JP	61059862		03/1986	—	—
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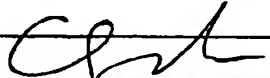
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CAL	A068	US-5,581,498		12/1996	Ludwig et al.	—	
	A069	US-5,587,341		12/1996	Masayuki et al.	—	
	A070	US-5,594,275		01/1997	Kwon et al.	—	
	A071	US-5,604,376		02/1997	Hamburgen et al.	—	
	A072	US-5,614,766		03/1997	Takasu et al.	—	
	A073	US-5,620,928		04/1997	Lee et al.	—	
	A074	US-5,625,221		04/1997	Kim et al.	—	
	A075	US-5,637,536		06/1997	Val	—	
	A076	US-5,637,912		06/1997	Cockerill et al.	—	
	A077	US-5,646,828		07/1997	Degani et al.	—	
CAL	A078	US-5,650,593		07/1997	McMillan et al.	—	
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CAL	A079	JP	62119952		06/1987	—	
CAL	A080	JP	62142341		06/1987	—	
CAL	A081	JP	63211663		09/1988	—	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER SIGNATURE: <i>CAL</i> DATE CONSIDERED: 2/01/05							

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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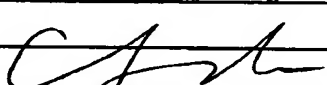
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number		10/803,333	
				Filing Date		3/17/2004	
				First Named Inventor:		Won Sun Shin	
				Examiner: unknown		GROUP: unknown	
Sheet	7	of	13	Attorney Docket Number		AMK-AB0975-2C	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cited No. <sup>1</sup>	Document Number Number - Kind Code <sup>2,3</sup> (US/JP)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	
CA	A082	US-5,668,405		09/1997	Yamashita	---	
	A083	US-5,677,569		10/1997	Choi et al.	---	
	A084	US-5,682,062		10/1997	Gaul	---	
	A085	US-5,689,135		11/1997	Ball	---	
	A086	US-5,696,031		12/1997	Wark	---	
	A087	US-5,696,666		12/1997	Miles et al.	---	
	A088	US-5,715,147		02/1998	Nagano	---	
	A089	US-5,721,452		02/1998	Fogal et al.	---	
	A090	US-5,729,051		03/1998	Nakamura	---	
	A091	US-5,739,581		04/1998	Chillara et al.	---	
	A092	US-5,744,827		04/1998	Jeong et al.	---	
	A093	US-5,760,471		06/1998	Fujisawa et al.	---	
CA	A094	US-5,763,939		06/1998	Yamashita	---	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
CA	A095	JP	63128736	06/1988	---	---	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER SIGNATURE: 				DATE CONSIDERED: 2/01/05			

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				Filing Date		3/17/2004	
				First Named Inventor:		Won Sun Shin	
				Examiner: unknown		GROUP: unknown	
Sheet	8	of	13	Attorney Docket Number		AMK-AB0975-2C	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cited No. <sup>1</sup>	Document Number Number - Kind Code <sup>2,3</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	
CA	A096	US-5,767,528		06/1998	Sumi et al.	—	
	A097	US-5,777,387		07/1998	Yamashita et al.	—	
	A098	US-5,783,870		07/1998	Mostafazadeh et al.	—	
	A099	US-5,786,239		07/1998	Ohsawa et al.	—	
	A100	US-5,793,108		08/1998	Nakanishi et al.	—	
	A101	US-5,798,014		08/1998	Weber	—	
	A102	US-5,801,439		09/1998	Fujisawa et al.	—	
	A103	US-5,815,372		09/1998	Gallas	—	
	A104	US-5,835,355		11/1998	Dordi	—	
	A105	US-5,835,988		11/1998	Ishii	—	
CA	A106	US-5,859,471		01/1999	Kuraishi et al.	—	
	A107	US-5,861,666		01/1999	Bellaar	—	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
		Cntry Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)					
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER SIGNATURE: 							
DATE CONSIDERED: 2/01/05							

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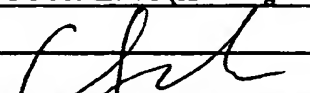
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number		10/803,333	
				Filing Date		3/17/2004	
				First Named Inventor:		Won Sun Shin	
				Examiner: unknown		GROUP: unknown	
Sheet	9	of	13	Attorney Docket Number		AMK-AB0975-2C	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cited No. <sup>1</sup>	Document Number Number - Kind Code <sup>2,3</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	
CA	A108	US-5,866,949		02/1999	Schueler	_____	
	A109	US-5,872,025		02/1999	Cronin et al.	_____	
	A110	US-5,883,426		03/1999	Tokuno et al.	_____	
	A111	US-5,885,849		03/1999	DiStefano et al.	_____	
	A112	US-5,886,412		03/1999	Fogal et al.	_____	
	A113	US-5,894,108		04/1999	Mostafazadeh et al.	_____	
	A114	US-5,903,052		05/1999	Chen et al.	_____	
	A115	US-5,917,242		06/1999	Ball	_____	
	A116	US-5,952,611		09/1999	Eng et al.	_____	
	A117	US-5,973,403		10/1999	Wark	_____	
	A118	US-5,977,640		11/1999	Bertin et al.	_____	
CA	A119	US-5,986,209		11/1999	Tandy	_____	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Cntry Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER SIGNATURE:  DATE CONSIDERED: 2/01/05							

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				Filing Date		3/17/2004		
				First Named Inventor:		Won Sun Shin		
				Examiner: unknown		GROUP: unknown		
Sheet	10	of	13	Attorney Docket Number		AMK-AB0975-2C		
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initials*	Cited No. 1	Document Number Number - Kind Code 2a/b/c/d/e		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines Where Relevant Passages or Figures Appear	
CA	A120	US-6,001,671		12/1999	Fjelstad		—	
	A121	US-6,005,778		12/1999	Spielberger et al.		—	
	A122	US-6,013,948		01/2000	Akram et al.		—	
	A123	US-Re. 36,613		03/2000	Ball		—	
	A124	US-6,034,423		03/2000	Mostafazadeh et al.		—	
	A125	US-6,034,427		03/2000	Lan et al.		—	
	A126	US-6,051,886		04/2000	Fogal et al.		—	
	A127	US-6,057,598		05/2000	Payne et al.		—	
	A128	US-6,060,778		05/2000	Jeong et al.		—	
	CA	A129	US-6,072,233		06/2000	Corisis et al.		—
<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner Initials*	Cite No. 1	Foreign Patent Document Cntry Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER SIGNATURE:  DATE CONSIDERED: 2/01/05								

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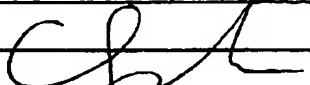
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				First Named Inventor:		Won Sun Shin	
				Examiner: unknown		GROUP: unknown	
Sheet	11	of	13	Attorney Docket Number		AMK-AB0975-2C	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cited No. <sup>1</sup>	Document Number Number - Kind Code <sup>2,3,4,5,6</sup>		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	
CAI	A130	US-6,072,243		06/2000	Nakanishi	—	
	A131	US-6,080,264		06/2000	Ball	—	
	A132	US-6,093,970		07/2000	Ohsawa et al.	—	
	A133	US-6,097,089		08/2000	Gaku et al.	—	
	A134	US-6,107,689		08/2000	Kozono	—	
	A135	US-6,127,833		10/2000	Wu et al.	—	
	A136	US-6,133,637		10/2000	Hikita et al.	—	
	A137	US-6,160,705		12/2000	Stearns et al.	—	
	A138	US-6,172,419	B1	01/2001	Kinsman	—	
	A139	US-6,180,696	B1	01/2001	Wong et al.	—	
	A140	US-6,180,881	B1	01/2001	Isaak	—	
CAI	A141	US-6,184,463	B1	02/2001	Panchou et al.	—	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER SIGNATURE: 				DATE CONSIDERED: 2/01/05			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Sheet	12	of	13	Attorney Docket Number		AMK-AB0975-2C	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cited No. <sup>1</sup>	Document Number Number - Kind Code <sup>2/3 (issue)</sup>		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	
CAU	A142	US-6,214,641	B1	04/2001	Akram	—	
	A143	US-6,228,676	B1	05/2001	Glenn et al.	—	
	A144	US-6,235,554	B1	05/2001	Akram et al.	—	
	A145	US-6,313,522	B1	11/2001	Akram et al.	—	
	A146	US-6,326,696	B1	12/2001	Horton et al.	—	
	A147	US-6,395,578	B1	05/2002	Shin et al.	—	
	A148	US-6,396,143	B1	05/2002	Kimbara et al.	—	
	A149	US-6,399,418	B1	06/2002	Glenn et al.	—	
	A150	US-6,404,046	B1	06/2002	Glenn et al.	—	
	A151	US-6,448,506	B1	09/2002	Glenn et al.	—	
	CAU	A152	US-6,452,278	B1	09/2002	DiCaprio et al.	—
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
		Entry Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Application Number**

**10/803,333**

**Filing Date**

**3/17/2004**

**First Named Inventor:**

**Won Sun Shin**

**Examiner: unknown**

**GROUP:** unknown

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13

of

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**Attorney Docket Number**

**AMK-AB0975-2C**

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. <sup>1</sup>	Document Number Number - Kind Code <sup>2(a)(2)(b)(iii)</sup>		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
CAJ	A153	US-6,459,148	B1	10/2002	Chun-Jen et al.	—
	A154	US-6,486,537	B1	11/2002	Liebard	—
	A155	US-6,501,184	B1	12/2002	Shin et al.	—
	A156	US-6,515,356	B1	02/2003	Shin et al.	—
✓	A157	US-6,564,454	B1	05/2003	Glenn et al.	—
CAJ	A158	US-6,577,013	B1	06/2003	Glenn et al.	—

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

**U.S. Patent Application serial no. 10/785,528 and Preliminary Amendment thereto dated 02/24/2004.**

**EXAMINER SIGNATURE:**

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Atty Docket No.

Serial No.

GK0012-1C

10/803,333

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant(s)

WonSun Shin et al.

Filing Date

March 17, 2004

Group

2818

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CA	AA	3,838,984	10/1974	Crane et al.	29	193.5	
	AB	5,545,922	08/1996	Golwalkar et al.	257	676	
	AC	5,583,378	12/1996	Marrs et al.	257	710	
	AD	5,602,059	02/1997	Horiuchi et al.	437	209	
	AE	5,640,047	06/1997	Nakashima	257	738	
	AF	5,652,185	07/1997	Lee	437	219	
	AG	5,723,900	03/1998	Kojima et al.	257	666	
	AH	5,739,585	04/1998	Akram et al.	257	698	
	AI	5,819,398	10/1998	Wakefield	29	830	
	AJ	5,854,741	12/1998	Shim et al.	361	813	
CA	AK	5,895,965	04/1999	Tanaka et al.	257	668	

## FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
CA	AL	JP6120364	04/1994	Japan			Abst	
	AM	JP6151645	05/1994	Japan			Abst	
	AN	JP6163751	06/1994	Japan			Abst	
	AO	JP11354682	12/1999	Japan			Abst	
CA	AP	KR1996-0009776	04/1996	Rep of Korea			abst	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

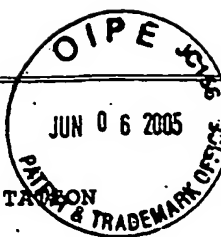
Examiner

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DA</i>	AA	5,909,633	06/1999	Haji et al.	438	612	
	AB	5,930,599	07/1999	Fujimoto et al.	438	113	
	AC	6,074,898	06/2000	Ohsawa et al.	438	123	
	AD	6,100,804	08/2000	Brady et al.	340	572.7	
	AE	6,111,324	08/2000	Sheppard et al.	257	787	
	AF	6,242,279	06/2001	Ho et al.	438	106	
	AG	6,257,857	07/2001	Lee et al.	425	121	
	AH	6,258,632	07/2001	Takebe	438	127	
	AI	6,261,869	07/2001	Radford et al.	438	123	
	AJ	6,262,490	07/2001	Hsu et al.	257	787	
<i>CA</i>	AK	6,268,568	07/2001	Kim	174	250	

## FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
<i>CA</i>	AL	KR1996-041464	09/1996	Rep of Korea			Abst	
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	AT	

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GK0012-1C

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2818

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CAE</i>	AA	6,271,057	08/2001	Lee et al.	438	106	
<i>CAE</i>	AB	6,274,404	08/2001	Hirasawa et al.	438	107	
<i>CAE</i>	AC	6,277,672	08/2001	Ho	438	121	
<i>CAE</i>	AD	6,541,854	04/2003	Huang et al.	257	707	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

							Translation	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

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